

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for providing a command from a client-side host to a server-side host, comprising:

invoking a client-side API at the client-side host to pass in a set of parameter objects, and to provide a command object that contains the parameter objects;

wherein each of the parameter objects represents a different parameter of a command, said different parameter representing a different function and each new parameter for the command is defined as a unique new class type;

serializing the command and parameter objects to provide serialized command and parameter objects; and

communicating the serialized command and parameter objects to the server-side host as the command to determine whether said server-side host supports said different function.

2. (Original) The method of claim 1, wherein:

the server-side host is adapted to attempt to deserialize the serialized command and parameter objects to determine whether the server-side host is compatible with the different parameters of the command that are represented by the parameter objects, the server-side host determining that the server-side host is not compatible with one or more of the different parameters if the server-side host does not support a class type associated with said one or more of the different parameters, and

said client-side host reformulating the command to delete one or more parameters determined to be incompatible.

3. (Original) The method of claim 2, wherein:

if the server-side host cannot successfully deserialize at least one of the serialized parameter objects, the server-side host sends an error message to the client-side host to inform

the client-side host that the server-side host does not support the parameter represented by the at least one serialized parameter object that cannot be successfully deserialized.

4. (Orginal) The method of claim 2, wherein:

the server-side host cannot successfully deserialize the serialized parameter objects whose class type is not recognized by the server-side host.

5. (Original) The method of claim 1, wherein:

the client-side API comprises a client-side of a command-based API.

6. (Original) The method of claim 5, wherein:

the server-side host uses a server-side API of the command based API to attempt to deserialize the serialized command object and parameter objects.

7. (Currently Amended) A method for processing a command from a client-side host at a server-side host, comprising:

receiving serialized command and parameter objects at the server-side host as a command from the client-side host;

wherein the command object contains the parameter objects, and each of the parameter objects represents a different parameter of the command, said different parameter representing a different function and each new parameter for the command is defined as a unique new class type; and

deserializing the serialized command and parameter objects to determine whether the server-side host supports said different function, the server-side host determining that the server-side host is not compatible with one or more of the different parameters if the server-side host does not support a class type associated with said one or more of the different parameters, and said client-side host reformulating the command to delete one or more parameters determined to be incompatible.

8. (Original) The method of claim 7, wherein:

the serialized command and parameter objects are obtained at the client-side host by invoking a client-side API at the client-side host to pass in a set of the parameter objects, containing the set of parameter objects in the command object, and serializing the command object and parameter objects contained therein.

9. (Original) The method of claim 7, wherein:

if the server-side host cannot successfully deserialize at least one of the serialized parameter objects, the server-side host sends an error message to the client-side host to inform the client-side host that the server-side host does not support the parameter represented by the at least one serialized parameter object that cannot be successfully serialized.

10. (Original) The method of claim 9, wherein:

the server-side host cannot successfully deserialize the serialized parameter objects whose class type is not recognized by the server-side host.

11. (Original) The method of claim 7, wherein:

the server-side host uses a server-side API of a command based API to attempt to deserialize the serialized command and parameter objects.

12. (Original) The method of claim 11, wherein:

the serialized command and parameter objects are obtained at the client-side host by invoking a client-side API at the client-side host that comprises a client-side of the command-based API.

13. (Currently Amended) A program storage device, tangibly embodying a program of instructions executable by a server-side host to perform a method for processing a command from a client-side host, the method comprising:

receiving serialized command and parameter objects at the server-side host as a command from the client-side host;

wherein the command object contains the parameter objects, and each of the parameter objects represents a different parameter of the command, said different parameter representing a different function and each new parameter for the command is defined as a unique new class type; and

deserializing the serialized command and parameter objects to determine whether the server-side host supports said different function, the server-side host determining that the server-side host is not compatible with one or more of the different parameters if the server-side host does not support a class type associated with said one or more of the different parameters, and said client-side host reformulating the command to delete one or more parameters determined to be incompatible.

14. (Original) The program storage device of claim 13, wherein:

the serialized command and parameter objects are obtained at the client-side host by invoking a client-side API at the client-side host to pass in a set of the parameter objects, containing the set of parameter objects in the command object, and serializing the command object and parameter objects contained therein.

15. (Original) The program storage device of claim 13, wherein:

if the server-side host cannot successfully deserialize at least one of the serialized parameter objects, the server-side host sends an error message to the client-side host to inform the client-side host that the server-side host does not support the parameter represented by the at least one serialized parameter object that cannot be successfully serialized.

16. (Original) The program storage device of claim 15, wherein:

the server-side host cannot successfully deserialize the serialized parameter objects whose class type is not recognized by the server-side host.

17. (Original) The program storage device of claim 13, wherein:

the server-side host uses a server-side API of a command based API to attempt to deserialize the serialized command and parameter objects.

18. (Original) The program storage device of claim 17, wherein:
the serialized command and parameter objects are obtained at the client-side host by invoking a client-side API at the client-side host that comprises a client-side of the command-based API.
19. (Currently Amended) The method of claim 1, further including:
receiving an error message from the server-side host that said function is not supported;
locating a second server-side host that supports said function; and
communicating the serialized command and the parameter objects to the second server-side host.